

**FORECAST DATA**  
**SALES NET OF GASOLINE USE TAX**  
**12/17/2018**

FY	IHS Markit Data				Percent Change at Annual Rate			
	Adjusted Personal Income (Less Transfer Pmts Less Proprietors Income) Per Household	Household financial obligations ratio, FRB	PCE Goods / PCE Services	Prior fiscal year rate on existing home mortgages, Federal Housing Finance Board (FHFB)	Adjusted Personal Income (Less Transfer Pmts Less Proprietors Income) Per Household	Household financial obligations ratio, FRB	PCE Goods / PCE Services	Prior fiscal year rate on existing home mortgages, Federal Housing Finance Board (FHFB)
1997	49.20	16.64	0.66	7.62	4.3%	0.5%		-3.8%
1998	52.26	16.46	0.64	7.82	6.2%	-1.1%	-2.1%	2.7%
1999	54.78	16.41	0.64	7.39	4.8%	-0.3%	0.2%	-5.6%
2000	57.30	16.65	0.65	7.01	4.6%	1.4%	1.4%	-5.1%
2001	58.70	17.11	0.63	7.86	2.4%	2.8%	-3.1%	12.2%
2002	57.88	17.42	0.62	7.57	-1.4%	1.8%	-2.5%	-3.8%
2003	58.42	17.19	0.60	6.86	0.9%	-1.3%	-1.9%	-9.3%
2004	59.72	16.85	0.61	6.00	2.2%	-2.0%	0.0%	-12.6%
2005	61.44	17.07	0.59	5.72	2.9%	1.3%	-1.9%	-4.7%
2006	63.94	17.30	0.59	5.78	4.1%	1.4%	-0.7%	1.2%
2007	66.55	17.69	0.58	6.27	4.1%	2.2%	-1.9%	8.3%
2008	68.16	17.96	0.57	6.54	2.4%	1.6%	-0.7%	4.4%
2009	65.73	17.80	0.53	6.34	-3.6%	-0.9%	-8.0%	-3.1%
2010	63.26	16.98	0.53	5.66	-3.8%	-4.6%	0.2%	-10.7%
2011	66.55	16.01	0.54	5.13	5.2%	-5.7%	2.2%	-9.3%
2012	70.35	15.48	0.54	4.79	5.7%	-3.3%	0.2%	-6.7%
2013	71.77	15.26	0.54	4.26	2.0%	-1.4%	-0.8%	-11.1%
2014	72.94	15.29	0.53	3.61	1.6%	0.2%	-1.2%	-15.2%
2015	76.47	15.32	0.51	4.39	4.8%	0.2%	-3.4%	21.8%
2016	78.68	15.54	0.50	4.09	2.9%	1.5%	-3.5%	-6.9%
2017	81.34	15.61	0.49	4.02	3.4%	0.4%	-2.1%	-1.7%
2018	83.75	15.40	0.48	4.03	3.0%	-1.3%	0.0%	0.3%
2019	86.61	15.60	0.48	4.37	3.4%	1.3%	-0.9%	8.4%
2020	89.87	15.92	0.47	4.98	3.8%	2.1%	-1.3%	13.9%
2021	92.78	16.00	0.47	5.26	3.2%	0.5%	-1.5%	5.7%

**FORECAST DATA  
GASOLINE USE TAX  
12/17/2018**

FY	IHS Markit Data			Percent Change at Annual Rate		
	Real GSP, Retail Trade (Millions 2012\$)	Demand for petroleum as % of Total demand for all fuels	Summer Gas Price x Fuel Efficiency	Real GSP, Retail Trade (Millions 2012\$)	Demand for petroleum as % of Total demand for all fuels	Summer Gas Price x Fuel Efficiency
1998	14,274.47	0.38	2,580.12	7.6%	0.7%	0.2%
1999	15,093.33	0.39	2,187.68	5.7%	1.2%	-15.2%
2000	15,356.43	0.39	2,566.07	1.7%	-0.1%	17.3%
2001	15,660.71	0.39	3,254.71	2.0%	1.5%	26.8%
2002	16,245.55	0.40	3,149.99	3.7%	0.3%	-3.2%
2003	17,003.55	0.39	3,017.05	4.7%	-0.9%	-4.2%
2004	17,773.24	0.40	3,388.12	4.5%	1.9%	12.3%
2005	18,014.07	0.40	3,957.36	1.4%	0.9%	16.8%
2006	18,318.53	0.40	5,295.95	1.7%	-0.2%	33.8%
2007	17,612.73	0.40	5,900.44	-3.9%	-1.7%	11.4%
2008	17,130.25	0.38	5,873.00	-2.7%	-3.2%	-0.5%
2009	16,661.85	0.37	7,807.24	-2.7%	-3.0%	32.9%
2010	16,755.23	0.37	5,211.11	0.6%	-1.1%	-33.3%
2011	16,864.38	0.36	5,577.33	0.7%	-1.6%	7.0%
2012	16,849.48	0.36	7,477.69	-0.1%	0.2%	34.1%
2013	17,090.03	0.35	7,637.93	1.4%	-2.0%	2.1%
2014	17,188.08	0.35	7,594.21	0.6%	-0.7%	-0.6%
2015	17,553.83	0.36	7,523.56	2.1%	2.4%	-0.9%
2016	18,423.68	0.37	5,803.39	5.0%	2.8%	-22.9%
2017	19,544.23	0.37	4,945.34	6.1%	-0.2%	-14.8%
2018	20,189.33	0.37	5,552.44	3.3%	-0.8%	12.3%
2019	20,375.51	0.37	6,644.07	0.9%	0.1%	19.7%
2020	20,409.46	0.37	7,028.70	0.2%	-0.1%	5.8%
2021	20,488.40	0.36	7,347.12	0.4%	-1.2%	4.5%

**FORECAST DATA**  
**ESTIMATED PAYMENTS AND OTHER TAXES**  
**12/17/2018**

FY	IHS Markit Data		Percent Change at Annual Rate	
	Dividend payments to Individuals + Personal Interest Income	Market value of household holdings of corporate equities, billions of dollars, end of period, IHS Markit Economics	Dividend payments to Individuals + Personal Interest Income	Market value of household holdings of corporate equities, billions of dollars, end of period, IHS Markit Economics
1998	1,336.83	8,108.44	7.6%	31.3%
1999	1,358.84	8,918.85	1.6%	10.0%
2000	1,420.10	10,804.35	4.5%	21.1%
2001	1,501.28	9,612.20	5.7%	-11.0%
2002	1,432.38	8,312.51	-4.6%	-13.5%
2003	1,419.34	6,989.01	-0.9%	-15.9%
2004	1,453.63	9,183.80	2.4%	31.4%
2005	1,588.18	10,253.08	9.3%	11.6%
2006	1,824.81	11,984.45	14.9%	16.9%
2007	2,074.55	13,995.06	13.7%	16.8%
2008	2,228.91	13,641.54	7.4%	-2.5%
2009	2,046.70	9,041.71	-8.2%	-33.7%
2010	1,768.10	11,119.62	-13.6%	23.0%
2011	1,862.26	13,304.83	5.3%	19.7%
2012	2,054.57	13,167.94	10.3%	-1.0%
2013	2,121.35	15,620.84	3.3%	18.6%
2014	2,167.11	19,009.78	2.2%	21.7%
2015	2,402.21	20,744.33	10.8%	9.1%
2016	2,499.45	20,112.78	4.0%	-3.0%
2017	2,573.29	22,731.65	3.0%	13.0%
2018	2,693.82	26,097.20	4.7%	14.8%
2019	2,808.26	27,910.00	4.2%	6.9%
2020	2,957.89	28,634.25	5.3%	2.6%
2021	3,160.10	28,662.42	6.8%	0.1%

**FORECAST DATA  
WITHHOLDINGS  
12/17/2018**

FY	IHS Markit Data				Percent Change at Annual Rate	
	Wage Disbursements Less Personal Contribution to Social Insurance + Residence Adjustment	Prior Year Births (Thous.)	AR (1)	Dummy for 2 Five Fridays FY Q4	Wage Disbursements Less Personal Contribution to Social Insurance + Residence Adjustment	Prior Year Births (Thous.)
1998	73,740.85	20.86	11.250	0	6.5%	-0.1%
1999	78,589.47	21.28	11.307	0	6.6%	2.0%
2000	83,060.89	21.51	11.365	0	5.7%	1.1%
2001	85,054.58	21.99	11.422	0	2.4%	2.3%
2002	85,293.52	21.59	11.448	1	0.3%	-1.8%
2003	87,258.95	21.16	11.454	0	2.3%	-2.0%
2004	90,787.16	21.69	11.479	0	4.0%	2.5%
2005	94,687.59	21.86	11.504	0	4.3%	0.8%
2006	97,915.99	21.78	11.550	0	3.4%	-0.4%
2007	101,407.01	22.17	11.590	0	3.6%	1.8%
2008	103,835.12	22.43	11.630	1	2.4%	1.2%
2009	100,754.06	22.36	11.660	0	-3.0%	-0.3%
2010	98,631.76	21.87	11.634	0	-2.1%	-2.2%
2011	103,842.05	21.03	11.607	0	5.3%	-3.9%
2012	109,325.01	20.76	11.661	0	5.3%	-1.3%
2013	112,112.69	20.81	11.704	1	2.5%	0.2%
2014	113,492.97	20.85	11.751	0	1.2%	0.2%
2015	119,207.65	20.98	11.767	0	5.0%	0.6%
2016	123,757.24	20.99	11.806	0	3.8%	0.1%
2017	128,925.34	20.80	11.836	0	4.2%	-0.9%
2018	134,507.73	20.75	11.879	1	4.3%	-0.2%
2019	140,328.40	20.84	11.937	1	4.3%	0.4%
2020	146,229.31	20.94	11.980	0	4.2%	0.5%
2021	151,612.45	21.04	12.015	0	3.7%	0.5%

**FORECAST DATA  
CORPORATE TAX  
12/17/2018**

FY	IHS Markit Data				Percent Change at Annual Rate			
	Before-tax corporate profits with IVA & capital consumption adjustment, billions of dollars, annual rate, BEA	Industrial Production Index, Transportation Equipment (2012 = 100)	Net U.S. international investment position, billions of dollars, end of period, BEA annual data	Tax Rate Change (Prior FY Rate Less Current FY Rate)	Before-tax corporate profits with IVA & capital consumption adjustment, billions of dollars, annual rate, BEA	Industrial Production Index, Transportation Equipment (2012 = 100)	Net U.S. international investment position, billions of dollars, end of period, BEA annual data	Tax Rate Change (Prior FY Rate Less Current FY Rate)
2006	1,483.81	94.10	(833.92)	0.00%	15.6%	2.4%		
2007	1,595.29	96.50	(1,722.94)	0.00%	7.5%	2.5%	-106.6%	
2008	1,524.76	99.34	(1,549.10)	0.00%	-4.4%	2.9%	10.1%	
2009	1,336.64	88.87	(3,590.44)	0.00%	-12.3%	-10.5%	-131.8%	
2010	1,402.61	79.27	(2,812.21)	0.00%	4.9%	-10.8%	21.7%	
2011	1,673.18	85.08	(2,670.98)	0.00%	19.3%	7.3%	5.0%	
2012	1,862.90	92.06	(4,589.76)	0.00%	11.3%	8.2%	-71.8%	
2013	1,968.79	99.34	(4,994.46)	-0.50%	5.7%	7.9%	-8.8%	
2014	2,014.86	105.20	(5,284.16)	-0.50%	2.3%	5.9%	-5.8%	0.0%
2015	2,096.33	111.25	(6,682.85)	-0.50%	4.0%	5.8%	-26.5%	0.0%
2016	2,074.79	113.93	(7,714.38)	-0.50%	-1.0%	2.4%	-15.4%	0.0%
2017	2,034.76	112.97	(8,017.58)	-0.25%	-1.9%	-0.8%	-3.9%	50.0%
2018	2,117.97	112.10	(7,933.92)	-0.25%	4.1%	-0.8%	1.0%	0.0%
2019	2,257.54	113.51	(8,974.70)	-0.25%	6.6%	1.3%	-13.1%	0.0%
2020	2,386.29	117.62	(9,557.43)	-0.25%	5.7%	3.6%	-6.5%	0.0%
2021	2,454.21	121.58	(10,199.84)	-0.25%	2.8%	3.4%	-6.7%	0.0%